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A high-performance optical spectrum **monitor** with high-speed measuring time for WDM optical networks
K Otsuka, T Maki, Y Sampei, Y Tachikawa, N.... - Proc. ECOC'97 - ieeexplore.ieee.org
... number of signals, signal power, **wavelength** drift and ... large dynamic range, low
polarization dependence, and ... features for a practical optical spectrum **monitor**. ...
Cited by 12 - Web Search - ieeexplore.ieee.org

... **wavelength**-shift of 1.7-ps optical pulses using a highly-nonlinear fiber Sagnac **interferometer**
HC Lim, F Futami, K Taira, K Kikuchi - IEEE Photon. Technol. Lett, 1999 - ieeexplore.ieee.org
... of the pumps for a reduction of **polarization** sensitivity ... we could **monitor** the amount
of signal leakage ... For practical transmission, this **wavelength** shift is not ...
Cited by 3 - Web Search - ieeexplore.ieee.org

Biosensing with the integrated-optical difference **interferometer**: Dual-**wavelength** operation
C Stamm, R Dangel, W Lukosz - Optics Communications, 1998 - ingentaconnect.com
... or rib waveguide after their **polarization**-dependent interaction ... As an experimental
test of dual-**wavelength** operation in biosensing, we **monitor** the affinity ...
Cited by 3 - Web Search - adsabs.harvard.edu - csa.com

Two-**wavelength** laser-diode heterodyne interferometry with one phasemeter
R Onodera, Y Ishii - Opt. Lett, 1995 - ol.osa.org
... of each signal with its different **polarization** states ... electric dividers 1 and 2 with
monitor photodi- odes ... frequen- cies, and the tested phases for **wavelength** l ...
Cited by 3 - Web Search - ol.osa.org - adsabs.harvard.edu

... of a fiber Fourier transform spectrometer to the detection of **wavelength**-encoded signals from Bragg ...
MA Davis, AD Kersey - Journal of Lightwave Technology, 1995 - ieeexplore.ieee.org
... optical signal processing scheme to **monitor** the Bragg ... with high resolution, the shift
in **wavelength** of a ... the coupling ratio and the **polarization** properties of ...
Cited by 16 - Web Search - ieeexplore.ieee.org

Optical-fiber source of **polarization**-entangled photon pairs in the 1550 nm telecom band
X Li, PL Voss, JE Sharping, P Kumar - Arxiv preprint quant-ph/0402191 (2004) - arxiv.org
... In order to actively **monitor** and control the relative phase ... **wavelength** of the reference
pulses is slightly detuned and its ... During measurements of **polarization** ...
Cited by 4 - View as HTML - Web Search - adsabs.harvard.edu

A Highly Stable and Reliable **Wavelength Monitor** Integrated Laser Module Design
H Nasu, T Takagi, T Shinagawa, M Oike, T Nomura, A ... - Journal of Lightwave Technology, 2004 - jlt.osa.org
... fiber (PMF) having a **polarization** extinction ratio ... and Bragg grating Fabry-Perot
interferometer," IEEE Photon ... module with integrated **wavelength monitor** for 50 ...
Cited by 1 - Web Search - ieeexplore.ieee.org - ieeexplore.ieee.org - jlt.osa.org

Double-**wavelength** superheterodyne **interferometer** for absolute ranging with submillimeter resolution: ...
G Margheri, C Giunti, S Zatti, S Manhart, R Maurer - Applied Optics, 1997 - ao.osa.org

... beams inter- fere on a **polarization**-insensitive beam ... Wyant, "Testing aspherics using two-**wavelength** holog- raphy ... Op- tical Surface Profile **Monitor** Final Report ...
Cited by 3 - Web Search - aoot.osa.org - ao.osa.org - adsabs.harvard.edu

All-optical, all-fiber circulating shift register with an inverter
NA Whitaker, MC Gabriel, H Avramopoulos, A Huang - Optics Letters, 1992 - ol.osa.org
... in an orthogonal state by using a **polarization**- combining coupler. ... The **wavelength** was set at 1531.6 nm, which was ... 57 coupler was used both to **monitor** the light ...
Cited by 20 - Web Search - ol.osa.org - adsabs.harvard.edu

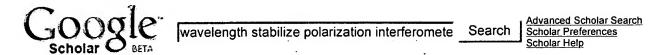## Ultrafast switching with a single-fiber **interferometer**
MJ LaGasse, D Liu-Wong, JG Fujimoto, HA Haus - Opt. Lett, 1989 - ol.osa.org
... doubled and used to pump a **wavelength**-tunable dye ... pump, phase shifts are induced and the **polarization** of the ... using a lock-in amplifier to **monitor** the detector ...
Cited by 14 - Web Search - ol.osa.org - adsabs.harvard.edu

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Scanning interferometer stabilized by use of Pancharatnam's phase
MU Wehner, MH Ulm, M Wegener - Optics Letters, 1997 - ol.osa.org
... phase-modulation technique was used to **stabilize** ei- ther ... a small fraction of the
excitation **wavelength** becomes impor ... is rotated to vertical **polarization** s by ...
Cited by 18 - Web Search - ol.osa.org - adsabs.harvard.edu

Polarization-multiplexed and phase-stepped fibre optic shearography using laser wavelength
...
RM Groves, SW James, RP Tatam - Measurement Science and Technology, 2000 - iop.org
... The **polarization** is s for frames R 1 , F 1 , F 3 and F 5 and p ... step frequency of
1 Hz was chosen to allow the output **wavelength** to **stabilize**, although this ...
Web Search - cranfield.ac.uk - ingentaconnect.com - adsabs.harvard.edu - all 9 versions »

A mode-locked fibre laser using a Sagnac interferometer and nonlinear polarization rotation
B Ibarra-Escamilla, EA Kuzin, DE Gomez-Garcia, F ... - Journal of Optics A: Pure and Applied Optics, 2003 -
iop.org
... A mode-locked fibre laser using a Sagnac **interferometer** and nonlinear **polarization**
rotation B Ibarra-Escamilla 1 , EA Kuzin 1 , DE Gomez-Garcia 1 , ...
Web Search - adsabs.harvard.edu - link.aip.org - csa.com - all 7 versions »

Generation of a pulsed polarization entangled photon pair using a Sagnac interferometer
BS Shi, A Tomita - Physical Review A, 2004 - link.aps.org
... them, it is difficult to **stabilize** interference. ... Instead, to generate a **polarization**
entangled photon ... **interferometer**, where, v(I) isthe frequency ~**wavelength**! ...
Web Search - qci.jst.go.jp - adsabs.harvard.edu

Internally coupled Fabry-Perot interferometer for high precision wavelength control of tunable diode ...
M REICH, R SCHIEDER, HJ CLAR, G WINNEWISSER - Applied Optics, 1986 - ao.osa.org
... A better idea is to **stabilize** the TDL to a ... 15 gm now determines the long-**wavelength**
limit of ... **polarization** considerations the plane of incidence of the Brewster ...
Cited by 8 - Web Search - aoot.osa.org - adsabs.harvard.edu - csa.com - all 5 versions »

Optical-Fiber Source of Polarization-Entangled Photons in the 1550 nm Telecom Band
X Li, PL Voss, JE Sharping, P Kumar - Physical Review Letters - link.aps.org
... the pump-pulse pairs and their **wavelength** is slightly ... one output port of the
polarization interferometer [see Fig. ... the difference is used to **stabilize** flref by ...
Cited by 3 - Web Search - ncbi.nlm.nih.gov

In-line polarimeter using blazed fiber gratings
PS Westbrook, TA Strasser, T Erdogan - IEEE Photon. Technol. Lett, 2000 - ieeexplore.ieee.org
... with a **polarization** controller to **stabilize** a randomly ... p-polarized scattered light
versus **wavelength** plus data ... the Hewlett Packard 8509B **polarization** analyzer. ...
Cited by 15 - Web Search - ieeexplore.ieee.org - adsabs.harvard.edu

Wavelength Switching of a Fiber Laser With a Sagnac Loop Reflector

G Das, JWY Lit - IEEE Photonics Technology Letters, 2004 - ieeexplore.ieee.org
... for multiwavelength lasing, but also **stabilize** the emitted ... Jain, "A broadly tunable
wavelength-se- lectable ... and MA Davis, "**Polarization**-insensitive fiber ...
Cited by 2 - Web Search - ieeexplore.ieee.org

Accurate laser **wavelength** measurement with a precision two-beam scanning Michelson interferometer
JP MONCHALIN, MJ KELLY, JE THOMAS, A JAVAN, NA ... - Applied Optics, 1981 - ao.osa.org
... 1. Basic optical components of the two-beam **interferometer** for laser **wavelength**
measurements described in this paper: BS, beam splitter; COMP, compensator. ...
Cited by 20 - Web Search - aoot.osa.org - adsabs.harvard.edu - csa.com - all 5 versions »

A large proportion of all microwave mea-
ANUPM **INTERFEROMETER** - ieeexplore.ieee.org
... des- cribed in this paper, the **polarization** was such ... such accuracy, it was necessary
to **stabilize** frequency drift ... as long as at least one **wavelength** is between ...
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